



1621

PATENT #9

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(MBHB Case No. 01-1693-N)

In re Application of:

Fang et al.

Serial No.: 09/896,874

Filed: June 29, 2001

For: COMPOUNDS TO TREAT  
ALZHEIMER'S DISEASE

Group Art Unit: 1021

Examiner: Shailendra Kumar

**TRANSMITTAL LETTER**

Commissioner for Patents  
Washington, D.C. 20231

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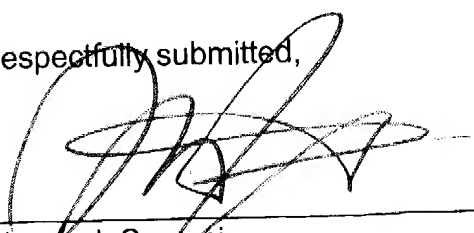
TECH CENTER 1600/2900

In regard to the above-identified patent application:

1. We are transmitting herewith the attached:
  - a) Transmittal Letter in Duplicate;
  - b) Supplemental Information Disclosure Statement
  - c) PTO Form 1449; and
  - d) Six Cited References.
2. GENERAL AUTHORIZATION: Please charge any additional fees or credit overpayments to the Deposit Account No. 13-2490. A duplicate copy of this sheet is enclosed.
3. CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and papers, as described in paragraph 1 hereinabove, are being deposited with the United States Postal Service, with sufficient postage as first-class mail in an envelope addressed to: Commissioner for Patents, Washington, D.C. 20231, on December 13, 2002.

Respectfully submitted,

Dated: December 13, 2002

  
Steven J. Sarussi  
Reg. No. 32,784



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(MBHB Case No. 01-1693-N)

In re Application of:

Fang et al.

Serial No.: 09/896,874

Filed: June 29, 2001

For: COMPOUNDS TO TREAT  
ALZHEIMER'S DISEASE

Group Art Unit: 162

Examiner: Shailendra Kumar

**TRANSMITTAL LETTER**

Commissioner for Patents  
Washington, D.C. 20231

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TECH CENTER 1600/2900

In regard to the above-identified patent application:

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Respectfully submitted,

Steven J. Samossi  
Reg. No. 32,784

Dated: December 13, 2002



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE  
(MBHB Case No. 01-1693-N)

In re Application of: )  
)  
Fang et al. )  
)  
Serial No.: 09/896,874 ) Group Art Unit: 162  
)  
Filed: June 29, 2001 ) Examiner: Shailendra Kumar  
)  
For: COMPOUNDS TO TREAT )  
ALZHEIMER'S DISEASE )

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

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Commissioner for Patents  
Washington, D.C. 20231

DEC 17 2002

TELEPHONE 1600/2900

Dear Sir:

This prior art statement is filed under 37 C.F.R. §§1.97-1.98 in compliance with the duty of disclosure set forth in 37 C.F.R. §1.56.

In the judgment of the undersigned, the references listed on the attached Form PTO-1449 may be material to the Examiner's consideration of the presently pending claims. However, the references have not been reviewed in sufficient detail to make any other representation and, in particular, no representation is intended as to the relative relevance between references, whether cited in this statement or prior statements. This statement is not a representation that the listed references have effective dates early enough to be "prior art" within the meaning of 35 U.S.C. § 102.

1. PCT Application No. WO 99/65870, published December 23, 1999
2. PCT Application No. WO 96/22287, published July 25, 1996
3. European Patent No. 0,432,694, published June 19, 1991
4. Chevallier N. et al., Cathepsin D displays in vitro  $\beta$ -secretase-like specificity, Brain Research 750 (1997), pages 11-19

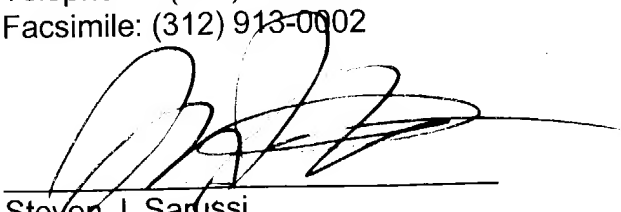
5. Kick E.K. et al., Structure-based design and combinatorial chemistry yield low nanomolar inhibitors of cathepsin D, Chemistry and Biology, April 1997, 4:297-307 U.S. Patent No. 5,583,238 issued December 10, 1996
6. Ng J.S. et al., A practical synthesis of an HIV protease inhibitor intermediate – Diastereoselective epoxide formation from chiral  $\alpha$ -aminoaldehydes, Tetrahedron Vol 51, No 23, pages 6397-6410, 1995

In accordance with MPEP Sections 609 and 707.05(b), it is requested that each document cited (including any cited in applicant's specification which is not repeated on the attached Form PTO-1449) be given thorough consideration and that it be cited of record in the prosecution history of the present application by initialing on Form PTO-1449. Such initialing is requested even if the Examiner does not consider a cited document to be sufficiently pertinent to use in a rejection, or otherwise does not consider it to be prior art for any reason, or even if the Examiner does not believe that the guidelines for citation have been fully complied with. This is requested so that each document becomes listed on the face of the patent issuing on the present application.

Respectfully submitted,

**McDonnell Boehnen Hulbert & Berghoff**  
300 South Wacker Drive, Suite 3200  
Chicago, Illinois 60606  
Telephone: (312) 913-0001  
Facsimile: (312) 913-0002

Dated: December 13, 2002



Steven J. Sarussi  
Reg. No. 32,784

Form PTO-1449 U.S. Department of Commerce  
Patent and Trademark Office**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Atty. Docket No.

01-1693-N

Serial No.

09/896,874

Applicant: Fang, et al.

Filing Date:  
June 29, 2001

Group: 1621

**FOREIGN PATENT DOCUMENTS**

Examiner Initial	No.	Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
	1.	WO 99/65870	12/23/99	PCT				
	2.	WO 96/22287	7/25/96	PCT				
	3.	EP 0, 432, 694	6/19/91	Europe				

**OTHER DOCUMENTS - Including Author, Title, Date, Pertinent Pages, Etc.**

Examiner Initial	No.	
✓	4.	Chevallier N. et al., Cathepsin D displays in vitro $\beta$ -secretase-like specificity, Brain Research 750 (1997), pages 11-19
✓	5.	Kick E.K. et al., Structure-based design and combinatorial chemistry yield low nanomolar inhibitors of cathepsin D, Chemistry and Biology, April 1997, 4:297-307
✓	6.	Ng J.S. et al., A practical synthesis of an HIV protease inhibitor intermediate - Diastereoselective epoxide formation from chiral $\alpha$ -aminoaldehydes, Tetrahedron Vol 51, No 23, pages 6397-6410, 1995

**Examiner****Date Considered**

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with any communication.